

WHAT IS CLAIMED:

1. A package for an optical detector comprising:  
a plastic window portion of the housing; and  
a protective coating on the window portion permitting transmission of light of a wavelength of around 400 nanometers through the window portion while protecting the window portion from deterioration by produced ozone which is produced by the light of a wavelength of around 400 nanometers.
2. The package of Claim 1, wherein the plastic window is clear epoxy mold compound.
3. The package of Claim 1, wherein the protective coating is one of silicone oxide and aluminum nitrate.
4. The package of Claim 1, wherein the protective coating has a thickness in the range of  $\frac{1}{4}$  to  $\frac{1}{2}$  of the wavelength of the light.
5. The package of Claim 1, including an optical detector in the package.
6. The package of Claim 5, wherein the package and optical detector are an optical reader in an optical storage system.
7. The package of Claim 1, wherein the light is in the range of around 400 to 780 nanometers.
8. A package for an optical detector comprising:  
a plastic window portion of the housing; and  
means on the window portion permitting transmission of light of a wavelength of around 400 nanometers through the window portion while protecting the window portion from deterioration produced by ozone which is produced by the light of a wavelength of around 400 nanometers.

9. The package of Claim 8, wherein the plastic window is clear epoxy molding compound.
10. The package of Claim 8, wherein the means is one of silicon oxide and aluminum nitrate.
11. The package of Claim 8, wherein the means has a thickness in the range of  $\frac{1}{4}$  to  $\frac{1}{2}$  of the wavelength of the light.
12. The package of Claim 8, including an optical detector in the package.
13. The package of Claim 12, wherein the package and optical detector are an optical reader in an optical storage system.
14. The package of Claim 8, wherein the light is in the range of around 400 to 780 nanometers.